```
=> d stat que 115; d his full
L9                STR
```
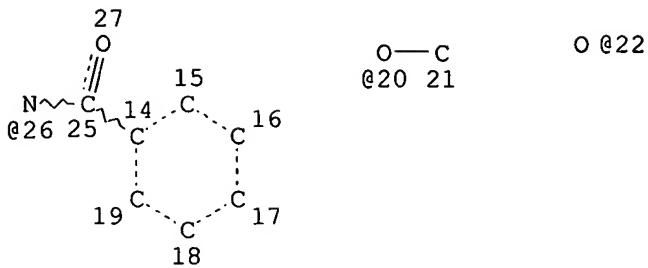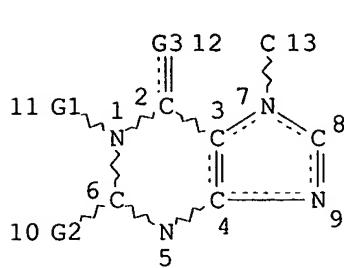


```
VAR G1=C/NH2/26/H
VAR G2=H/C/N/20/22/23
VAR G3=O/S
NODE ATTRIBUTES:
NSPEC    IS RC      AT   13
CONNECT IS E1  RC AT   22
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS   27

STEREO ATTRIBUTES: NONE
L12          35177 SEA FILE=REGISTRY SSS FUL L9
L13              STR
```
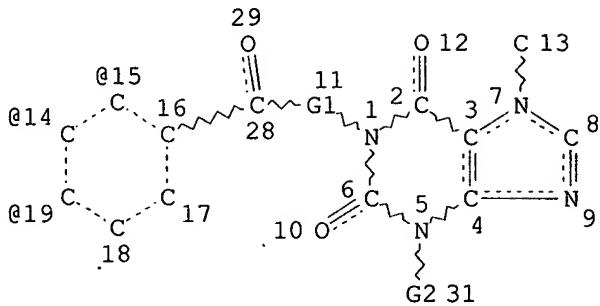


```
VAR G1=CH2/23/20
VAR G2=H/C
VAR G5=33/36/39
VPA 32-19/14/15 U
NODE ATTRIBUTES:
NSPEC    IS RC      AT   13
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED
```

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 38

STEREO ATTRIBUTES: NONE
L15   52 SEA FILE=REGISTRY SUB=L12 SSS FUL L13

100.0% PROCESSED   366 ITERATIONS   52 ANSWERS
SEARCH TIME: 00.00.01

       (FILE 'HOME' ENTERED AT 15:05:04 ON 12 MAY 2005)

       FILE 'CAPLUS' ENTERED AT 15:05:42 ON 12 MAY 2005
                   SET LINE 250
                   SET DETAIL OFF
                   E US2003-634047/AP,PRN 25
                   SET NOTICE 1000 SEARCH
L1·   1 SEA ABB=ON US2003-634047/AP
                   SET NOTICE LOGIN SEARCH
                   SET LINE LOGIN
                   SET DETAIL LOGIN
                   D SCAN
                   SEL RN

       FILE 'REGISTRY' ENTERED AT 15:06:23 ON 12 MAY 2005
L2   102 SEA ABB=ON (100-39-0/BI OR 100-46-9/BI OR 103-63-9/BI OR
                   105-36-2/BI OR 108-91-8/BI OR 110-89-4/BI OR 110821-27-7/BI OR
                   124-40-3/BI OR 140-75-0/BI OR 16182-04-0/BI OR 16694-46-5/BI
                   OR 172603-05-3/BI OR 3218-02-8/BI OR 3277-89-2/BI OR 454712-45-
                   9/BI OR 454712-46-0/BI OR 454712-48-2/BI OR 454712-50-6/BI OR
                   459-73-4/BI OR 54249-88-6/BI OR 64-04-0/BI OR 666702-26-7/BI
                   OR 666702-31-4/BI OR 666702-35-8/BI OR 666702-40-5/BI OR
                   666702-45-0/BI OR 666702-50-7/BI OR 666702-56-3/BI OR 666702-59
                   -6/BI OR 666702-63-2/BI OR 666702-67-6/BI OR 666702-70-1/BI OR
                   666702-73-4/BI OR 666702-77-8/BI OR 666702-82-5/BI OR 666702-86
                   -9/BI OR 666702-89-2/BI OR 666702-91-6/BI OR 666702-94-9/BI OR
                   666702-97-2/BI OR 666703-02-2/BI OR 666703-05-5/BI OR 666703-09
                   -9/BI OR 666703-11-3/BI OR 666703-14-6/BI OR 666703-17-9/BI OR
                   666703-20-4/BI OR 666703-21-5/BI OR 666703-23-7/BI OR 666703-25
                   -9/BI OR 666703-27-1/BI OR 666703-29-3/BI OR 666703-31-7/BI OR
                   666703-33-9/BI OR 666703-35-1/BI OR 666703-37-3/BI OR 666703-41
                   -9/BI OR 666703-45-3/BI OR 666703-47-5/BI OR 666703-50-0/BI OR
                   666703-52-2/BI OR 666703-54-4/BI OR 666703-56-6/BI OR 666703-62
                   -4/BI OR 666703-64-6/BI OR 666703-66-8/BI OR 666703-68-0/BI OR
                   666703-70-4/BI OR 666703-72-6/BI OR 666703-74-8/BI OR 666703-76
                   -0/BI OR 666703-78-2/BI OR 666703-80-6/BI OR 666703-82-8/BI OR
                   666703-84-0/BI OR 666703-86-2/BI OR 666703-88-4/BI OR 666703-90
                   -8/BI OR 666703-92-0/BI OR 666703-94-2/BI OR 666703-96-4/BI OR
                   666703-98-6/BI OR 666704-00-3/BI OR 666704-02-5/BI OR 666704-04
                   -7/BI OR 666704-06-9/BI OR 666704-08-1/BI OR 666704-09-2/BI OR
                   666704-10-5/BI OR 666704-11-6/BI OR 666704-12-7/BI OR 666704-13
                   -8/BI OR 666704-14-9/BI OR 666704-15-0/BI OR 666704-16-1/BI OR
                   666704-19-4/BI OR 666704-74-1/BI OR 70-11-1/BI OR 74-89-5/BI
                   OR 75-16-1/BI OR 75-31-0/BI OR 79463-77-7/BI)
L3   82 SEA ABB=ON L2 AND NR>1

D SCAN

FILE 'STNGUIDE' ENTERED AT 15:07:28 ON 12 MAY 2005

FILE 'CAPLUS' ENTERED AT 15:09:48 ON 12 MAY 2005
        SET LINE 250
        SET DETAIL OFF
        E US2003-636088/AP,PRN 25
        SET NOTICE 1000 SEARCH
L4   1 SEA ABB=ON US2003-636088/AP
        SET NOTICE.LOGIN SEARCH
        SET LINE LOGIN
        SET DETAIL LOGIN
        D SCAN
        SEL RN

FILE 'REGISTRY' ENTERED AT 15:10:44 ON 12 MAY 2005
L5   44 SEA ABB=ON (172603-05-3/BI OR 4023-34-1/BI OR 454709-00-3/BI
        OR 454709-69-4/BI OR 454711-07-0/BI OR 454712-87-9/BI OR
        54249-88-6/BI OR 666816-75-7/BI OR 666816-76-8/BI OR 666816-77-
        9/BI OR 666816-78-0/BI OR 666816-79-1/BI OR 666816-80-4/BI OR
        666816-81-5/BI OR 666816-82-6/BI OR 666816-83-7/BI OR 666816-84
        -8/BI OR 666816-85-9/BI OR 666816-86-0/BI OR 666816-87-1/BI OR
        666816-88-2/BI OR 666816-89-3/BI OR 666816-90-6/BI OR 666816-91
        -7/BI OR 666816-92-8/BI OR 666816-93-9/BI OR 666816-94-0/BI OR
        666816-95-1/BI OR 666816-96-2/BI OR 666816-97-3/BI OR 666816-98
        -4/BI OR 666816-99-5/BI OR 666817-00-1/BI OR 666817-01-2/BI OR
        666817-02-3/BI OR 666817-03-4/BI OR 666817-04-5/BI OR 666817-05
        -6/BI OR 666817-06-7/BI OR 666817-07-8/BI OR 6851-99-6/BI OR
        77350-93-7/BI OR 870-63-3/BI OR 9007-12-9/BI)
L6   38 SEA ABB=ON L5 AND NR>1
        D SCAN

FILE 'STNGUIDE' ENTERED AT 15:12:41 ON 12 MAY 2005

FILE 'REGISTRY' ENTERED AT 15:22:37 ON 12 MAY 2005
L7   STR
L8   50 SEA SSS SAM L7
L9   STR L7
L10   50 SEA SSS SAM L9

FILE 'STNGUIDE' ENTERED AT 15:26:40 ON 12 MAY 2005

FILE 'REGISTRY' ENTERED AT 15:31:31 ON 12 MAY 2005
        D QUE L10
L11   50 SEA SSS SAM L9
L12 35177 SEA SSS FUL L9
        SAVE TEMP L12 BER088FULL/A
L13   STR L9
L14   2 SEA SUB=L12 SSS SAM L13
        D SCAN
L15   52 SEA SUB=L12 SSS FUL L13
        SAVE TEMP L15 BER088SUB/A

FILE 'CAPLUS' ENTERED AT 15:39:06 ON 12 MAY 2005
L16   5 SEA ABB=ON L15

FILE 'REGISTRY' ENTERED AT 15:39:17 ON 12 MAY 2005
L17   ANALYZE L15 1- LC :   3 TERMS
        D

FILE 'REGISTRY' ENTERED AT 15:40:26 ON 12 MAY 2005
        D STAT QUE L15

FILE 'CAPLUS, USPATFULL' ENTERED AT 15:40:26 ON 12 MAY 2005·
L18   8 SEA ABB=ON L15
L19   8 DUP REM L18 (0 DUPLICATES REMOVED)
             ANSWERS '1-5' FROM FILE CAPLUS
             ANSWERS '6-8' FROM FILE USPATFULL
        D IBIB ED ABS HITSTR 1-8

FILE 'HOME' ENTERED AT 15:40:49 ON 12 MAY 2005
        D STAT QUE L15

FILE HOME

FILE CAPLUS

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****
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* available and contains the CA role and document type information. *
*   *
****

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FILE STNGUIDE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: May 6, 2005 (20050506/UP).

FILE USPATFULL
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 12 May 2005 (20050512/PD)
FILE LAST UPDATED: 12 May 2005 (20050512/ED)
HIGHEST GRANTED PATENT NUMBER: US6892391
HIGHEST APPLICATION PUBLICATION NUMBER: US2005102725
CA INDEXING IS CURRENT THROUGH 12 May 2005 (20050512/UPCA)
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